

PROPOSED AMENDMENT

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 34 (Cancelled)

Claim 35 (Currently amended): A method of identifying an objective road, indicated by location information transmitted from a transmitting side, on a digital map on a receiving side, the method comprising the steps of:

receiving the location information indicative of shape of the objective road from the ~~transmitting~~transmitted side; and

identifying the objective road on the digital map by executing shape matching the location information with road network data which are included in the digital map and hierarchized to multi layers such that most upper-grade hierarchical layer represents most important road network,

wherein the receiving side starts executing the shape matching using the road network of the most upper-grade hierarchical layer.

Claim 36 (Canceled)

Claim 37 (Currently amended): The method according to claim ~~35~~36, wherein when the receiving side cannot identify the

objective road on the digital map by executing shape matching using the road network of the most upper-grade hierarchical layer, the receiving side executes the shape matching using road network of one-lowered-grade hierarchical layer.

Claim 38 (Canceled)

Claim 39 (Currently amended): A receiving device comprising:

a digital map which includes road network data which are hierarchized to multi layers such that most upper-grade hierarchical layer represents most important road network;

a data receiving unit for receiving location information indicative of shape of an objective road; and

a map matching unit for identifying the objective road on the digital map by executing shape matching the location information with the hierarchized road network data,

wherein the map matching unit starts executing the shape matching using the road network of the most-upper-grade hierarchical layer.

Claim 40 (Canceled)

Claim 41 (Currently amended): The method according to claim 39~~40~~, wherein when the map matching unit cannot identify the

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objective road on the digital map by executing shape matching using the road network of the most upper-grade hierarchical layer, the map matching unit executes the shape matching using road network of one-lowered-grade hierarchical layer.

Claim 42 (Canceled)